

IN THE CLAIMS:

The status and content of each claim follows.

1. (cancelled)
2. (currently amended) A method of improving traffic management in a computing network, comprising steps of:  
detecting a changed environmental condition;  
generating a notification of the detected condition;  
analyzing the generated notification by consulting one or more criteria;  
determining at a currently-executing application, based on the analysis, whether the currently-executing application should modify a behavior of the currently-executing application;  
and

~~The method according to claim 1, further comprising the step of modifying, by the currently-executing application, the behavior of the currently-executing application.~~

3. (original) The method according to claim 2, wherein the modification comprises reducing a size of one or more data objects generated by the currently-executing application.

4. (original) The method according to claim 2, wherein the modification comprises reducing data retrieval by the currently-executing application.

5. (original) The method according to claim 2, wherein the modification comprises dropping one or more connections with the currently-executing application.

6. (original) The method according to claim 2, wherein the modification comprises increasing a size of one or more data objects generated by the currently-executing application.

7. (original) The method according to claim 2, wherein the modification comprises increasing data retrieval by the currently-executing application.

8. (original) The method according to claim 2, wherein the modification comprises changing thread assignments of the currently-executing application.

9. (original) The method according to claim 2, wherein the modification comprises changing the currently-executing application's use of one or more other applications.

10. (currently amended) A method of improving traffic management in a computing network, comprising steps of:

detecting a changed environmental condition;

generating a notification of the detected condition;  
analyzing the generated notification by consulting one or more criteria; and  
determining at a currently-executing application, based on the analysis, whether the  
currently-executing application should modify a behavior of the currently-executing application;

~~The method according to claim 1,~~ wherein the changed environmental condition pertains to system-related conditions.

11. (currently amended) A method of improving traffic management in a computing network, comprising steps of:

detecting a changed environmental condition;  
generating a notification of the detected condition;  
analyzing the generated notification by consulting one or more criteria; and  
determining at a currently-executing application, based on the analysis, whether the  
currently-executing application should modify a behavior of the currently-executing application;

~~The method according to claim 1,~~ wherein the changed environmental condition pertains to network-related conditions.

12. (currently amended) A method of improving traffic management in a computing network, comprising steps of:

detecting a changed environmental condition;  
generating a notification of the detected condition;

analyzing the generated notification by consulting one or more criteria; and  
determining at a currently-executing application, based on the analysis, whether the  
currently-executing application should modify a behavior of the currently-executing application;  
~~The method according to claim 1,~~ wherein the changed environmental condition pertains  
to client-related conditions in one or more clients of the currently-executing application.

13. (currently amended) A method of improving traffic management in a computing  
network, comprising steps of:

detecting a changed environmental condition;  
generating a notification of the detected condition;  
analyzing the generated notification by consulting one or more criteria; and  
determining at a currently-executing application, based on the analysis, whether the  
currently-executing application should modify a behavior of the currently-executing application;  
~~The method according to claim 1,~~ wherein the changed environmental condition occurred  
internally to a system in which the currently-executing application is executing.

14. (original) The method according to claim 13, wherein the generated  
notification pertains to a condition of a local network protocol stack.

15. (original) The method according to claim 13, wherein the generated  
notification pertains to a condition of the system in which the currently-executing application is  
executing.

16. (original) The method according to claim 13, wherein the analyzing step is performed by a policy manager component of the system in which the currently-executing application is executing.

17. (currently amended) A method of improving traffic management in a computing network, comprising steps of:

detecting a changed environmental condition;

generating a notification of the detected condition;

analyzing the generated notification by consulting one or more criteria; and

determining at a currently-executing application, based on the analysis, whether the currently-executing application should modify a behavior of the currently-executing application;

~~The method according to claim 1,~~ wherein the changed environmental condition occurred externally to a system in which the currently-executing application is executing.

18. (original) The method according to claim 17, wherein the generated notification pertains to a condition of a client of the currently-executing application.

19. (original) The method according to claim 17, wherein the generated notification pertains to a condition of a remote network platform.

20. (original) The method according to claim 17, wherein the generated notification pertains to a condition of a remote server with which the currently-executing application is communicating.

21. (original) The method according to claim 20, wherein the modification comprises making adjustments pertaining to the remote server.

22-24. (cancelled)